

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,022,181 B2  
APPLICATION NO. : 10/014418  
DATED : April 4, 2006  
INVENTOR(S) : Katsumi Nakagawa et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

TITLE PAGE: item  
(56) **References Cited** FOREIGN PATENT DOCUMENTS (page 2),  
line 1, "57095893" should read -- 57-95893 --;  
line 4, "11199376" should read -- 11-199376--; and  
line 5 "11228280" should read -- 11-228280 --.

COLUMN 5:  
Line 1, "intervals" should read -- intervals from --.

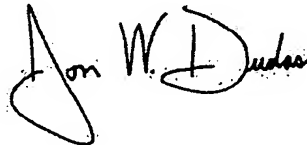
COLUMN 6:  
Line 27, "substrate" should read -- substrates --.

COLUMN 9:  
Line 57, "group" should read -- groups --.

COLUMN 14:  
Line 30, "turn table" should read -- turntable --;  
Line 44, "p<sup>30</sup>-type" should read -- p<sup>+</sup>-type --; and "(corr." should read  
-- (corresponding --.

Signed and Sealed this

Ninth Day of January, 2007



JON W. DUDAS  
*Director of the United States Patent and Trademark Office*